

**Work Order ID 62820**

Friday, October 08, 2010 12:46:37 PM



Page 1

Item ID: D2938-2

Accept



Setup Start



Revision ID:

Stop



Item Name: Saddle RH Out, 206

Start Date: 10/8/2010 Start Qty: 4.00



Cust Item ID:

Required Date: 10/15/2010 Req'd Qty: 4.00



Customer:

Reference:

Approvals:

Process Plan: *11*Date: *10-10-8*

Tooling:

Date:

QC:

Date:

SPC (Y/N):

Date:

Run Start



Stop



Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
--------------------------------	--------------------------	----------------------	---------	--------	--------------	---------------	---------------	------------------	----------------

Draw Nbr	Revision Nbr
D2938	Rev C

0.00



HAAS CNC VERTICAL MACHINING #1

0.00

HAAS 1

Memo

HAAS CNC vertical machine #1

Program part number and batch number. ☐ 1-Inspect part number and batch number are programmed correctly. ☐ 2-Machine Step No 1 of Folio and visually inspect as per dwg D2938 & attached Dimension Sheet ☐ 3-Machine Step No 2 of Folio and visually inspect as per

0.00

110



CONVENTIONAL MILLING MACHINE

0.00

Mill Conv

Memo

Conventional Milling Machine

Machine Keyway and inspect per attached dimension sheet

0.00

120



QC1- Inspect dimensions to dimension sheet

0.00

QC

Memo

Quality Control

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

NCR:		WORK ORDER NON-CONFORMANCE (NCR)						
DATE	STEP	Description of NC Section A	Corrective Action Section B			Verification Section C	Approval Chief Eng	Approval QC Inspector
			Initial Chief Eng	Action Description Chief Eng	Sign & Date			

**NOTE:** Date & initial all entries

**Work Order ID 62820**

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Page 2

Item ID: D2938-2

Accept



Setup Start



Revision ID:

Stop



Item Name: Saddle RH Out, 206

Start Date: 10/8/2010 Start Qty: 4.00



Cust Item ID:

Required Date: 10/15/2010 Req'd Qty: 4.00



Customer:

Reference:

Run Start



Approvals: Process Plan: \_\_\_\_\_ Date: \_\_\_\_\_ Tooling: \_\_\_\_\_ Date: \_\_\_\_\_

Stop



QC: \_\_\_\_\_ Date: \_\_\_\_\_ SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_

Sequence ID/  
Work Center IDOperation  
DescriptionSet Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp

130

QC8- Inspect parts - second check

0.00



QC

Memo

0.00

Quality Control

140

Chemical Conversion Coat per QSI005 4.1

0.00



HandFinish

Memo

0.00

Hand Finishing

150

White Gloss(Ref:4.3.5.1) per QSI005 4.3-Alum

0.00



Powdercoat

Memo

0.00

Powder Coating

START TIME:

9:30

OVEN TEMPERATURE:

FINISH TIME:

10:00

(4)

4 BL 10-11-18

4 BL 10-11-18

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries

# Picklist Print

Friday, October 08, 2010 12:46:40 PM

Page 1

Work Order ID: 62820



Parent Item: D2938-2



Parent Item Name: Saddle RH Out, 206

Start Date: 10/8/2010

Required Date: 10/15/2010

Start Qty: 4.00

Required Qty: 4.00

Comments: IPP: B 00.06.26 New DWG rev (mpp 2069) EC  
IPP Rev: C As per Rev C 07-03-19 JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D6101-003 		Manufactured	No			100	Each	40.0000	1	4			

Saddle Billet, 7075

<u>Location</u>	<u>Loc Qty</u>	<u>Loc Code</u>
MAT042	40	
61250	40	

4.0

B.A 10/11/11

W/O:		WORK ORDER CHANGES					
DATE	STEP	PROCEDURE CHANGE	By	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector

Part No: \_\_\_\_\_ PAR #: \_\_\_\_\_ Fault Category: \_\_\_\_\_ NCR: Yes No DQA: \_\_\_\_\_ Date: \_\_\_\_\_

Resolution: \_\_\_\_\_ Disposition: \_\_\_\_\_ QA: N/C Closed: \_\_\_\_\_ Date: \_\_\_\_\_

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**NOTE:** Date & initial all entries



<b>DART AEROSPACE LTD</b>	<b>Work Order:</b> 62820
<b>Description:</b> 206 Saddle, Outboard, Right side	<b>Part Number:</b> D2938-2
<b>Inspection Dwg:</b> D2938 Rev. C	<b>Page 1 of 1</b>

Inspect dimensions highlighted on inspection sheet drawing D2938 Rev. C and record below:

				Recorded Actual Dimensions					
Dim	Min	Max	Go/No Go Gauge	1	2	3	4	By	Date
A	0.100	0.140		.112	.112	.115	.114		
B	0.100	0.140		.109	.112	.115	.115		
C	0.100	0.140		.120	.112	.111	.113		
D	0.210	0.230		.222	.222	.222	.222		
E	1.245	1.255		1.250	1.250	1.250	1.250		
F	1.245	1.255		1.250	1.250	1.250	1.250		
G	2.495	2.505		2.500	2.500	2.500	2.500		
H	0.510	0.515		.500	.510	.510	.510		
I	1.572	1.582		1.575	1.575	1.576	1.575		
J	2.495	2.505		2.499	2.499	2.499	2.499		
K	0.257	0.262		.260	.260	.260	.260		
L	0.312	0.317		.315	.315	.315	.315		
M	0.235	0.240		.236	.236	.236	.236		
N	0.100	0.140		.113	.112	.112	.113		
O	0.540	0.560		.545	.553	.553	.553		
P	0.490	0.510		.500	.505	.502	.502		
Q	3.715	3.725		3.720	3.720	3.720	3.720		
R	2.720	2.760		2.741	2.741	2.740	2.741		
S	0.240	0.270		.253	.253	.254	.256		
T	0.100	0.180		.138	.140	.140	.140		
U	1.625	1.635		1.628	1.628	1.628	1.628		
V	1.362	1.372		1.366	1.366	1.366	1.366		
W	0.316	0.321		.317	.317	.317	.317		
X	1.250	1.270		1.258	1.259	1.256	1.256		
Y	1.565	1.585		1.572	1.574	1.571	1.571		
Z	0.178	0.198		.188	.188	.188	.188		
AA									
AB									
AC									
AD									
AE									
AF									
AG									
AH									
Accept/Reject									

Measured by: <i>Amf</i>
Date: 10/11/16

Audited by: <i>J</i>
Date: 10/11/18

Rev	Date	Change	Revised by	Approved
A		New Issue	RF	
B	02.12.12	Reformat; Added Dim. X-Y, DT8683, DT8686, DT8690	KJ/RF	
C	07.03.21	Revised per drawing revision C	KJ/JLM	<i>[Signature]</i>

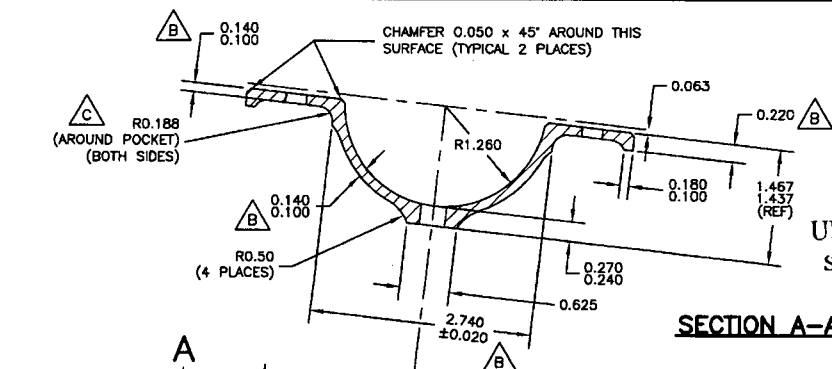
W/O:		WORK ORDER CHANGES					
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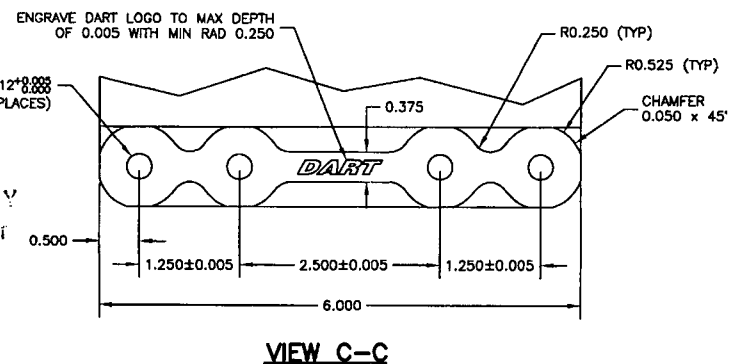
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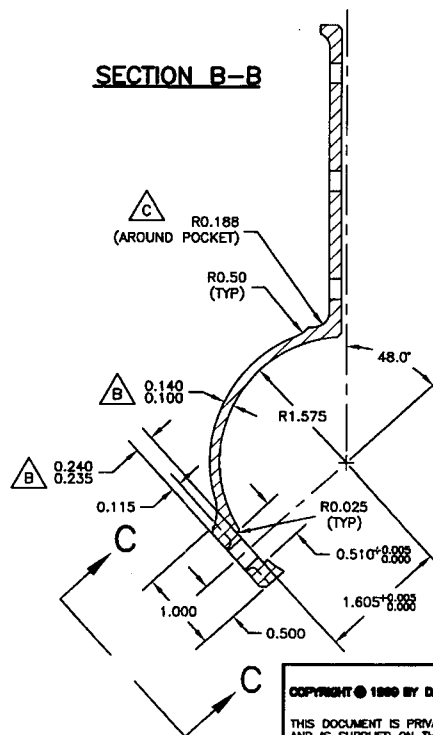


UNCONTROLLED  
SUBMITTAL  
NO. 62820  
381010-5



D2938-1 LH SADDLE (SHOWN)  
D2938-2 RH SADDLE (OPPOSITE)

- NOTES:
- 1) MATERIAL: ALUMINUM 7075-T7351 (QQ-A-250/12) (MAKE FROM D6101-003 SADDLE BILLET, 7075)
  - 2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1 POWDER COAT GLOSS WHITE (REF 4.3.5.1) PER DART QSI 005 4.3
  - 3) BREAK ALL SHARP EDGES 0.010 TO 0.020
  - 4) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
  - 5) ALL DIMENSIONS ARE IN INCHES
  - 6) ENGRAVE PART AND BATCH NUMBER IN THIS AREA 0.010 TO 0.015 DEEP



C	06.11.09	R0.188 WAS R0.30 TO R0.25
B	00.05.29	CHANGED GEOMETRY AND MATERIAL
A	99.11.12	NEW ISSUE
DESIGN	CB	DART DART AEROSPACE USA, INC.
CHECKED	PH	D2938
DATE	06.11.09	SADDLE OUTSIDE

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07.02.12

W/O:		WORK ORDER CHANGES					
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